

FY2019 County Economics Profile

MS Congressional District 4

extension.msstate.edu/economic-profiles

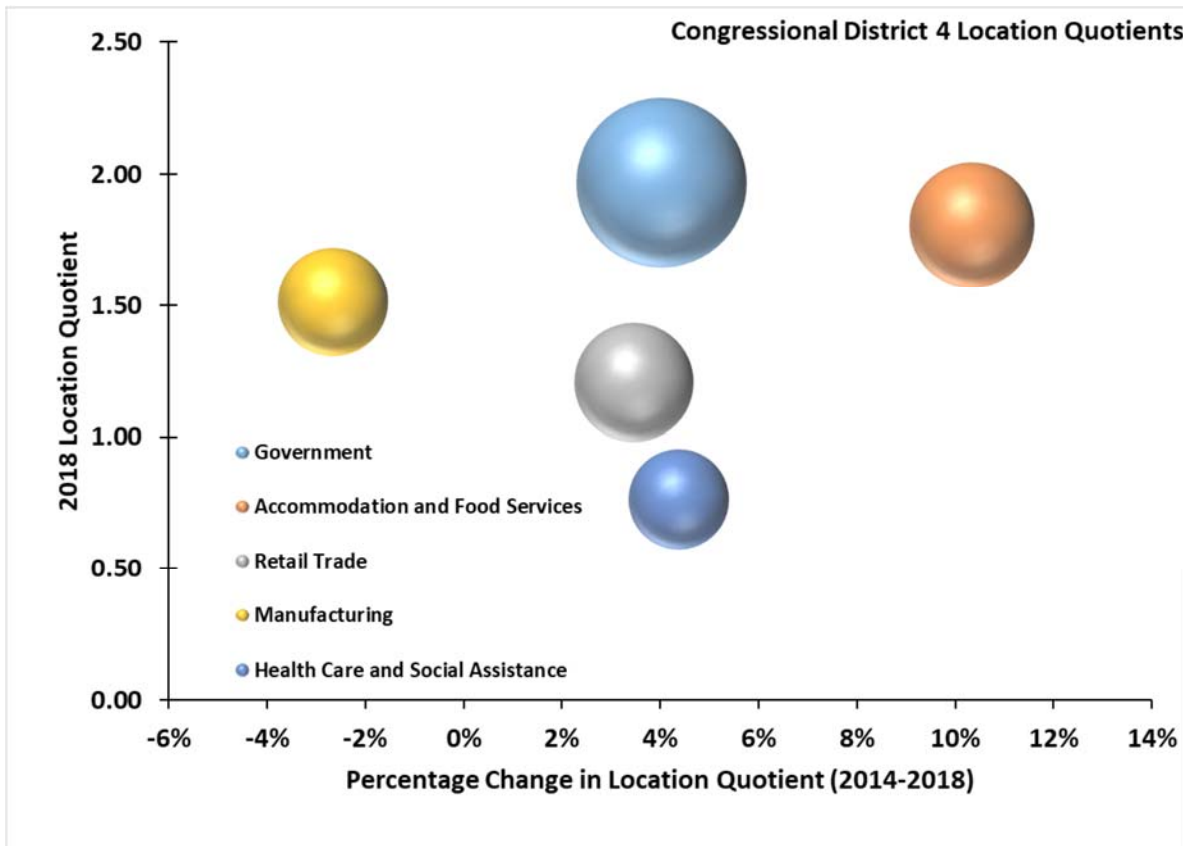


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Demographics*	District	Mississippi	United States
Total Population, 2019 (Population Estimates)	787,704	2,986,526	327,167,434
Percent Change in Total Population, 2015-2019 (Population Esti-	1.6%	-0.1%	2.8%
Percent Non-white Population, 2018 (2018 ACS 5-year estimates)	28.5%	41.4%	27.3%
Percent of Population Over 64 years, 2018 (2018 ACS 5-year esti-	15.1%	15.0%	15.2%
Percent of Population in Poverty, 2018 (SAIPE)	18.9%	19.8%	13.1%
Percent of Total Population under 18 in Poverty, 2018 (SAIPE)	27.0%	28.2%	18.0%
Percent of the Population 25 and Older that have a High School	61.8%	61.5%	67.1%
Percent of the Population 25 and Older that have a Bachelor's De-	21.3%	21.8%	31.5%
Average travel time to work (minutes), 2018 (2018 ACS 5-year esti-	25.8	24.6	26.6
Unemployment Rate, 2019 Annual Average (BLS)	5.3%	5.4%	3.7%
Current Median Household Income, 2018 (SAIPE)	\$44,357	\$44,740	\$61,937

*Data source acronyms are explained in the



The location quotient compares the proportion of workers in a particular industry for the area being examined to the proportion of workers in that industry for the United States. A location quotient that is greater than 1.0 indicates that the area has a competitive advantage for that industry. The bubble size represents the relative size of the industry compared to other area industries. Source: EMSI

Declining Industries
 The industry is declining compared to the nation
 (change in LQ < -20%)

Mine/Quarry/Gas & Oil Extract, Information, Arts/Enter/Rec

Emerging Industries
 The industry is growing compared to the nation
 (change in LQ > 20%) but not necessarily largely concentrated in the county (LQ < 1)

Mgt of Comp/Enterprises

Anchor Industries
 The industry is relatively concentrated in the county (LQ > 1.5) but neither expanding nor declining

Utilities, Government

Gross County/State Product (Bureau of Economic Analysis) (2 digit NAICS Code aggregation except as parenthetically noted)			Mississippi		% Chg in Area	County as % of MS
	2014	2018	2014	2018	14-18	2018
Top Ten Sectors (millions of dollars)						
All industry total	28,743	31,635	104,14	114,83	10.1%	27.5%
Government and government enterprises	5,651	6,009	18,232	19,537	6.3%	30.8%
Manufacturing	5,107	5,841	16,165	18,774	14.4%	31.1%
Finance, insurance, real estate, rental, and leasing	4,135	4,685	15,344	17,629	13.3%	26.6%
Nondurable goods manufacturing	2,739	3,743	7,071	8,248	36.6%	45.4%
Real estate and rental and leasing	3,010	3,487	10,367	12,012	15.8%	29.0%
Retail trade	2,252	2,392	8,186	9,047	6.2%	26.4%
Durable goods manufacturing	2,287	2,273	9,094	10,526	-0.6%	21.6%
Professional and business services	1,913	2,169	7,491	8,294	13.4%	26.1%
Educational services, health care, and social assistance	1,827	2,109	8,804	9,995	15.5%	21.1%
Arts, entertainment, recreation, accommodation, and food services	1,695	1,943	4,638	5,240	14.6%	37.1%

Gross product is reported in millions of dollars.

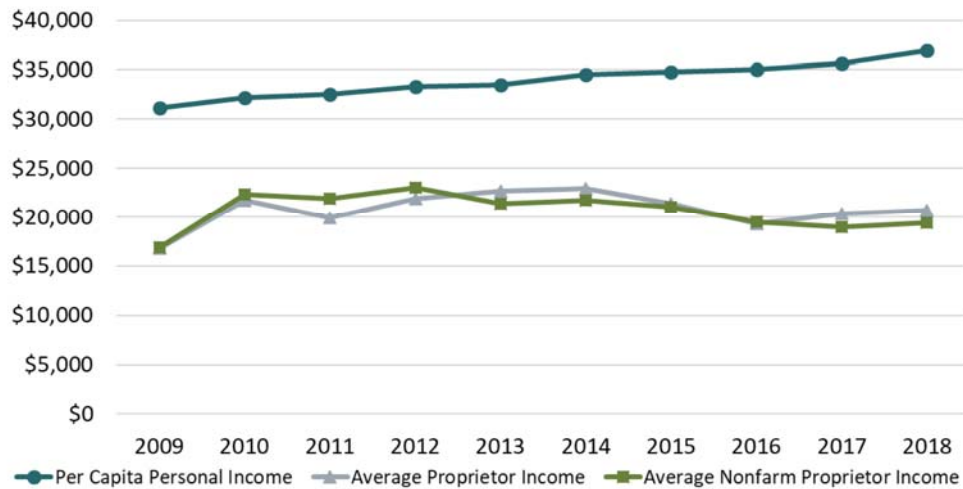
Employment and Firms by Business Size Class 2017—County Business Patterns

	Firms	Employees	Annual Payroll
All Firms	14,593	232,126	\$9,171,683

Size Class	Firms	Size Class	Firms
1-4 Employees	0	20-49 Employees	1,424
5-9 Employees	3,227	50-99 Employees	450
10-19 Employees	2,177	100-249 Employees	179

Annual payroll is reported in thousands of dollars.

Per Capita Personal Income versus Average Proprietor Income
MS Congressional District 4



Top Employment Sectors

NAICS	Sector	Jobs
903	Local Government	46,563
722	Food Svcs & Drinking Places	27,558
901	Federal Government	21,978
721	Accommodation	15,249
621	Ambul Health Care Svcs	13,794
561	Admin/Support Svcs	13,329
336	Transport Equip Mfg	11,493

Top Occupation Sectors

SOC	Sector	Jobs
41-2000	Retail Sales Workers	23,705
47-2000	Construction Trades Workers	14,269
35-3000	Food & Bev Serving Wrkrs	14,059
29-1000	Health Diag/Treating Pract	12,751
35-2000	Cooks/Food Prep Wrkrs	11,542
35-2000	Pre/Prim/Second/Spcl Ed Tchrs	10,296
43-4000	Info & Record Clerks	10,084

MISSISSIPPI COUNTY ECONOMIC PROFILES

DATA KEY

Data Acronyms and Abbreviations

ACS — American Community Survey (five-year estimates are used for all ACS variables). Data can be accessed through American FactFinder (<https://factfinder.census.gov>, use the Advanced Search feature).

SAIPE — Small Area Income and Poverty Estimates. <https://www.census.gov/programs-surveys/saipe.html>

BEA — Bureau of Economic Analysis. <https://www.bea.gov/data/by-place-county-metro-local>

BLS — Bureau of Labor Statistics. <http://bls.gov/lau/#tables>

EMSI — Proprietary data software company. <https://www.economicmodeling.com>

County Business Patterns — Data can be accessed through American FactFinder (<https://factfinder.census.gov>, use the Advanced Search feature).

Total Population, 2019

Estimates were obtained from the proprietary data source Economic Modeling Specialists, Inc..

<https://economicmodeling.com>

Percent Change in Total Population, 2015 to 2019

Estimates were obtained from the proprietary data source Economic Modeling Specialists, Inc..

<https://economicmodeling.com>

Percent of the Population that is Non-white, 2018

Data were obtained from the 2014 to 2018 American Community Survey five-year estimates (Table B02001). This table depicts the population at the county, state, and national levels by race.

<https://data.census.gov>

Percent of the Population that is Older than 64 years, 2018

Data were obtained from the 2014 to 2018 American Community Survey five-year estimates (Table B01001). This table depicts the population at the county, state, and national levels by age and sex.

<https://data.census.gov>

Percent of the Population in Poverty, 2018 Estimate

Data were obtained from the Model-based Small Area Income & Poverty Estimates (SAIPE) for school districts, counties, and states.

<https://www.census.gov/data/datasets/2018/demo/saipe/2018-state-and-county.html>

Percent of the Total Population under 18 in Poverty, 2018 Estimate

Data were obtained from the Model-based Small Area Income & Poverty Estimates (SAIPE) for school districts, counties, and states.

<https://www.census.gov/data/datasets/2018/demo/saipe/2018-state-and-county.html>

Percent of the Population 25 and Older that have a High School Diploma, GED, or more, 2018 Estimate

Data were obtained from the 2014 to 2018 American Community Survey five-year estimates (Table S1501). This table depicts educational attainment of the population 18 years and older at the county, state and nation levels by sex.

<https://data.census.gov>

Percent of the Population 25 and Older that have a Bachelor's Degree or more, 2018 Estimate

Data were obtained from the 2014 to 2018 American Community Survey five-year estimates (Table S1501). This table depicts educational attainment of the population 18 years and older at the county, state and nation levels by sex.

<https://data.census.gov>

Average Travel Time to work (for persons who do not work at home), 2018 Estimate

Data were obtained from the 2014 to 2018 American Community Survey five-year estimates (Table S0801). This table depicts commuting characteristics of workers 16 years and older at the county, state and nation levels by sex.

<https://data.census.gov>

Unemployment Rate, 2019 Annual Average

Data were obtained from the Bureau of Labor Statistics Local Area Unemployment Statistics (labor force data by county).

<http://bls.gov/lau/#tables>

Current Median Household Income, 2018 Estimate

Data were obtained from the Model-based Small Area Income & Poverty Estimates (SAIPE) for school districts, counties, and states.

<https://www.census.gov/programs-surveys/saipe.html>

Location Quotients (LQ)

Location quotients are the comparisons of the percentage of workers in a particular economic sector in the county to the percentage of workers in that economic sector for the nation. If the location quotient (measured on the vertical axis) is greater than 1.0, then the county could have a competitive economic advantage for that particular sector. Location Quotients are calculated for all classes of workers, including Quarterly Census of Employees and Wages (QCEW) employees, Non-QCEW employees, Self-Employed, and Extended Proprietors (miscellaneous labor income).

The horizontal axis measures the percentage change in the size of the location quotient for a particular sector over the last five years (2015 to 2019). If the percentage change in the location quotient is greater than zero, then the competitive advantage of the county (in relation to the nation) has increased. Conversely, if the percentage change is less than zero, then the competitive advantage of the county has declined.

The sectors shown on this chart are the five sectors that have the highest employment in the county. The size of the bubble for each particular sector demonstrates the relative level of employment. The depicted sectors are a subset of the 22 two-digit North American Industrial Classification System (NAICS) codes that are a standard classification system used in economic analysis (an exception to this classification is the extrusion of Production Agriculture and Forestry, Fishing, and Related Activities that were derived from NAICS Code 11). The entire list of 2-digit NAICS codes is provided below. The data used in these calculations were obtained from Economic Modeling Systems Incorporated (EMSI).

The Declining, Emerging, and Anchor Industries table use location quotients to provide a glimpse into the economic structure of the region under analysis. Declining industries have a location quotient that has declined more than 20 percent over the 2015 to 2019 time frame. Emerging industries have a location quotient that has increased by more than 20 percent from 2014 to 2018, but the 2019 location quotient is less than 1.0. Anchor industries are stable industries in the region; they have a location quotient of 1.5 or greater and the location quotient has not changed more than 10 percent from 2015 to 2019.

Due to space limitations in the Declining, Emerging, and Anchor Industries table, it necessary to abbreviate many of the economic sectors. The following list provides the full sector name for those abbreviations.

Two-digit NAICS Code Sectors

Code Sector Name

- 11 Agriculture, Forestry, Fishing and Hunting—Ag/Forest/Fish/Hunt
- 21 Mining, Quarrying, and Oil and Gas Extraction—Mine/Quarry/Gas & Oil Extract
- 22 Utilities—Utilities
- 23 Construction—Const
- 31-33 Manufacturing—Mfg
- 42 Wholesale Trade—Wholesale Trade
- 44-45 Retail Trade—Retail Trade
- 48-49 Transportation and Warehousing—Trans/Whsing
- 51 Information—Information
- 52 Finance and Insurance—Fin/Ins
- 53 Real Estate and Rental and Leasing—Real Est/Rent/Leas
- 54 Professional, Scientific, and Technical Services —Prof/Scien/Tech Svcs
- 55 Management of Companies and Enterprises—Mgt of Comp/Enterprises
- 56 Administrative and Support and Waste Management and Remediation Services—Admin/Supp/Waste Mgt/Red Svcs
- 61 Educational Services—Ed Svcs (Private)
- 62 Health Care and Social Assistance—Health Care/Soc Asst
- 71 Arts, Entertainment, and Recreation—Arts/Enter/Rec
- 72 Accommodation and Food Services—Acc/Food Svcs
- 81 Other Services (except Public Administration)—Other Svcs exc PA
- 92 Public Administration (Government)—Government

Source: <http://www.census.gov/eos/www/naics/>

Gross Product

Gross product is a comprehensive measure of the economic activity in a specific geographic area. It is calculated as the sum of the value-added activity in an area. In this case, state gross product numbers for the state were apportioned to the counties by the level of employment in particular economic sectors in the county. The exceptions are for estimates of the gross product in the counties attributable to production agriculture. In this case, cash farm receipt numbers are used due to the volatility of employment levels in this particular sector.

Data for these estimates were obtained from the Bureau of Economic Analysis.

All data in this table are aggregated to the two-digit NAICS code (see above). Estimates for other sectors are available on request.

<https://www.bea.gov/data/by-place-county-metro-local>

Employment by Business Size Class

Estimates for the number of businesses by business size class, the number of employees for all firms and the annual payroll for all firms were provided by County Business Patterns.

<https://data.census.gov>, use the Advanced Search feature

Real Personal versus Proprietor Income

Personal per capita income is compared with average proprietor income (total proprietor income divided by the number of proprietors) and average nonfarm proprietor income (total nonfarm proprietor income divided by the number of nonfarm proprietors). If the level of average nonfarm proprietor income is less than the level of average proprietor income, then the level of average farm proprietor income is greater than the level of average proprietor income (the converse is also true). Data for these calculations were obtained from the Bureau of Economic Analysis.

<https://www.bea.gov/data/by-place-county-metro-local>

Top Ten Employment Sectors

Estimates at the three-digit NAICS code level were obtained from the proprietary data source Economic Modeling Specialists, Inc.

<http://economicmodeling.com>

Top Ten Occupation Sectors

Estimates at the three-digit SOC code level were obtained from the proprietary data source Economic Modeling Specialists, Inc.

<http://economicmodeling.com>

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